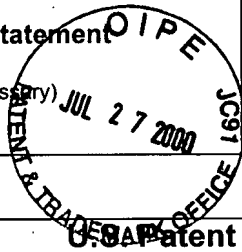


Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01997-272001	Application No. 08/969,302
		Applicant Moungi Bawendi et al.	
		Filing Date November 13, 1997	Group Art Unit 1773

**Information Disclosure Statement by Applicant**  
 (Use several sheets if necessary)

(37 CFR §1.98(b))



#19

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
hll	AA	3,996,345	12/07/1976	Ullman et al.	424	12	
	AB	4,637,988	01/20/1987	Hinshaw et al.	436	546	
	AC	4,777,128	10/11/1988	Lippa	435	5	
	AD	5,262,357	11/16/1993	Alivisatos et al.	437	233	
	AE	5,293,050	03/08/1994	Chapple-Sokol et al.	257	17	
	AF	5,304,786	04/19/1994	Pavlidis et al.	235	462	
	AG	5,354,707	10/11/1994	Chapple-Sokol et al.	437	106	
	AH	5,422,489	06/06/1995	Bhargava	250	488.1	
	AI	5,537,000	07/16/1996	Alivisatos et al.	313	506	
	AJ	5,565,324	10/15/1996	Still et al.	435	6	
	AK	5,585,640	12/17/1996	Huston et al.	250	483.1	
	AL	5,625,456	04/29/1997	Lawandy	356	376	
	AM	5,674,698	10/07/1997	Zarling et al.	435	7.92	
	AN	5,721,099	02/24/1998	Still et al.	435	6	
	AO	5,736,330	04/07/1998	Fulton	435	6	
	AP	5,770,299	06/23/1998	Dannenhauer et al.	428	195	
	AQ	5,789,162	08/04/1998	Dower et al.	435	6	
hll	AR	5,985,353	11/16/1999	Lawton et al.	427	2.13	
	AS	5,990,479	11/23/1999	Weiss et al.	250	307	

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
hll	AT	WO 95/29473	11/02/1995	PCT				
	AU	WO 98/04740	02/05/1998	PCT				
	AV	WO 98/33070	07/30/1998	PCT				
	AW	WO 98/36376	08/20/1998	PCT				
hll	AX	WO 98/46372	10/22/1998	PCT				

Examiner Signature

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### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
h	BA	Alivisatos, "Semiconductor Clusters, Nanocrystals, and Quantum Dots," <i>Science</i> , 271:933-937, February 16, 1996
	BB	Alivisatos et al., "Organization of 'nanocrystal molecules' using DNA", <i>Nature</i> , 382:609-611, August 15, 1996
	BC	Baldwin et al., "Synthesis of a Small Molecule Combinatorial Library Encoded with Molecular Tags," <i>J. Am. Chem. Soc.</i> , 117:5588-5589, 1995
	BD	Bawendi et al., "Luminescence properties of CdSe quantum crystallites: resonance between interior and surface localized states," <i>J. Chem. Phys.</i> , 96(2):946-954, January 15, 1992
	BE	Beverloo et al., "Preparation and Microscopic Visualization of Multicolor Luminescent Immunophosphors," <i>Cytometry</i> , 13:561-570, 1992
	BF	Chee et al., "Accessing Genetic Information with High-Density DNA Arrays" <i>Science</i> , 274(5287):610-614, October 25, 1996
	BG	Coffer et al., "Characterization of quantum-confined CdS Nanocrystallites stabilized by deoxyribonucleic acid (DNA)" <i>Nanotechnology</i> , 3:69-76, 1992
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	BI	Cook, "Scintillation proximity assay: a versatile high-throughput screening technology," <i>Drug Discovery Today</i> , 1(7):287-294, July 1996
	BJ	Czarnik, "Encoding methods for combinatorial chemistry" <i>Curr Opin Chem Biol.</i> , 1(1):60-66, 1997
	BK	Danek et al., "Synthesis of Luminescent Thin-Film CdSe/ZnSe Quantum Dot Composites Using CdSe Quantum Dots Passivated with an Overlayer of ZnSe" <i>Chem. Mater.</i> , 8(1):173-180, 1996
	BL	Egner et al., "Tagging in combinatorial chemistry: the use of coloured and fluorescent beads" <i>Chem. Commun.</i> , 735-736, April 21, 1997
	BM	Fodor, "Techwire" <i>Science</i> , 277(5324):393-395, July 18, 1997
	BN	Guha et al., "Hybrid organic-inorganic semiconductor-based light-emitting diodes" <i>J. Appl. Phys.</i> , 82(8):4126-4128, October 15, 1997
	BO	Jarvis et al., "Solution Synthesis and Photoluminescence Studies of Small Crystallites of Cadmium Telluride," <i>Mat. Res. Soc. Symp. Proc.</i> , 272:229-234, 1992
	BP	Kagan et al., "Electronic Energy Transfer in CdSe Quantum Dot Solids," <i>Physical Review Letters</i> , 76(9):1517-1520, February 26, 1996
	BQ	Kagan et al., "Long-range resonance transfer of electronic excitations in close-packed CdSe quantum-dot solids," <i>Physical Review B</i> , 54(12):8633-8643, September 15, 1996-II
	BR	Lee et al., "Surface Derivatization of Nanocrystalline CdSe Semiconductors," <i>Mat. Res. Soc. Symp. Proc.</i> , 452:323-328, March 13, 1997
	BS	Liz-Marzan et al., "Synthesis of Nanosized Gold-Silica Core-Shell Particles" <i>Langmuir</i> , 12(18):4329-4335, 1996
	BT	Mahtab et al., "Protein-Sized Quantum Dot Luminescence Can Distinguish between 'Straight', 'Bent', and 'Kinked' Oligonucleotides", <i>J. Am. Chem. Soc.</i> , 117:9099-9100, 1995
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h	CA	McGall et al., "Light-directed synthesis of high-density oligonucleotide arrays using semiconductor photoresists" <i>Proc. Natl. Acad. Sci. USA</i> , 93:13555-13560, November 1996
	CB	Moran et al., "Radio Frequency Tag Encoded Combinatorial Library Method for the Discovery of Tripeptide-Substituted Cinnamic Acid Inhibitors of the Protein Tyrosine Phosphatase PTP1B" <i>J. Am. Chem. Soc.</i> , 117:10787-10788, 1995
	CC	Müllenborn et al., "Characterization of Solution-Synthesized CdTe and HgTe," <i>Applied Physics</i> , 56:317-321, 1993
	CD	Murphy et al., "Quantum Dots as Inorganic DNA-Binding Proteins," <i>Mat. Res. Soc. Symp.</i> , 452:597-600, March 13, 1997
	CE	Nicolaou et al., "Radiofrequency Encoded Combinatorial Chemistry" <i>Ingew. Chem. Int. Ed. Engl.</i> , 34(20):2289-2291, 1995
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	CG	Peng et al., "Epitaxial Growth of Highly Luminescent CdSe/CdS Core/Shell Nanocrystals with Photostability and Electronic Accessibility," <i>J. Am. Chem. Soc.</i> , 119(30):7019-7029, 1997
	CH	Peng et al., "Synthesis and Isolation of a Homodimer of Cadmium Selenide Nanocrystals," <i>Angew. Chem. Int. Ed. Engl.</i> , 36(112):145-147, 1997
	CI	Plunkett et al., "Combinatorial Chemistry and New Drugs" <i>Sci Am.</i> , 276(4):68-73, April 1997
	CJ	Rogach et al., "Synthesis and Characterization of Thiol-Stabilized CdTe Nanocrystals" <i>Ber. Bunsenges. Phys. Chem.</i> , 100(11):1772-1778, November 1996
	CK	Schröck et al., "Multicolor Spectral Karyotyping of Human Chromosomes," <i>Science</i> , 273:494-497, July 26, 1996
	CL	Spanhel et al., "Photochemistry of Colloidal Semiconductors. Surface Modification and Stability of Strong Luminescing CdS Particles" <i>J. Am. Chem. Soc.</i> , 109(19):5649-5655, 1987
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h	CN	Whitesell et al., "Directionally Aligned Helical Peptides on Surfaces" <i>Science</i> , 261:73-76, July 2, 1993

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